

SLIDE MECHANISM

ABSTRACT

A trailer is configured with a slide mechanism operable to slidably couple a tie-down assembly with the trailer. The trailer includes a trailer frame configured with an axle and a pair of wheels for transporting a load over a distance. The slide mechanism includes an elongated member having a slot extending an axial length of the elongated member. The slide mechanism further includes a channel disposed parallel to and in communication with the slot. The channel has a width that exceeds the gap width of the slot. The slide mechanism further includes a carriage bolt and a tightening nut. The channel is configured to maintain the head of the carriage bolt adjacent to the slot. The carriage bolt and tightening nut slidably couple the tie-down assembly to the trailer frame.